

# CAPRICORN SEISMIC and MT WORKSHOP 2011

## **Session 1 Chair – Ian Tyler**

- 9.00 – 9.10 Welcome and introduction *Ian Tyler*
- 9.10 – 9.40 The Capricorn seismic survey: experimental design, acquisition and processing *Brian Kennett*
- 9.40 – 10.40 Geology of the northern Capricorn Orogen and preliminary interpretation of deep seismic reflection line 10GA–CP1: crustal architecture of the northern Capricorn Orogen *Alan Thorne*

## **Morning Tea 10.40 – 11.15**

## **Session 2 Chair – Alan Thorne**

- 11.15 – 12.15 Geology of the Gascoyne Province and preliminary interpretation of deep seismic reflection lines 10GA–CP2 and 10GA–CP3: crustal architecture of the Gascoyne Province *Simon Johnson*
- 12.15 – 12.45 Geology and architecture of the Edmund and Collier Basins *Huntly Cutten*

## **Lunch 12.45 – 1.45**

## **Session 3 Chair – Simon Johnson**

- 1.45 – 2.05 Preliminary potential-field interpretation of the Capricorn Orogen, Western Australia: worms, forward modelling and 3D inversion *James Goodwin*
- 2.05 – 2.30 The Capricorn Orogen magnetotelluric (MT) transect *Stephan Thiel*
- 2.30 – 2.50 Understanding the lithosphere in the vicinity of the Capricorn Orogen seismic lines from passive seismic studies *Brian Kennett*
- 2.50 – 3.20 Geodynamic Implications of the Capricorn Orogen deep seismic survey *Russell Korsch*

## **Afternoon Tea 3.20 – 4.00**

## **Session 4 Chair – Russell Korsch**

- 4.00 – 4.20 Implications of the Capricorn deep seismic survey for mineral systems *Ian Tyler*
- 4.20 Discussion and concluding remarks

*Morning tea, lunch and afternoon tea will be provided*